

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
Stefano TUBARO et al. : **Mail Stop: PCT**
Serial No. NEW : Attorney Docket No. 2006-0316A
Filed March 8, 2006 :

METHOD FOR DETERMINING
REFLECTIONS IN AN AREA
[Corresponding to PCT/EP2004/052059
Filed September 6, 2004]

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TO CHARGE ANY DEFICIENCY IN THE
FEES FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☐ each U.S. Patent and U.S. Patent application publication;
- ☐ each reference previously cited in the international application PCT/_____; and/or
- ☐ each reference previously cited in prior parent application Serial No. _____.

1a. [X] This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

and thus no certification and/or fee is required.

1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) ☐ the certification of paragraph 2 below is provided, **or**

(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

the certification of paragraph 2 below is provided, and

the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

2. It is hereby certified

- a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
- b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

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IAF20030308 08 MAR 2006

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
 - b. ☐ a foreign patent office search report (in the English language) submitted herewith,
 - c. ☐ the concise explanation contained in the specification of the present application at page,
 - d. ☐ the concise explanation set forth in the attached English language abstract,
 - e. ☐ the concise explanation set forth below or on a separate sheet attached to the reference:
5. ☒ A foreign patent office search report citing one or more of the references is enclosed.

Respectfully submitted,

Stefano TUBARO et al.

By



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March 8, 2006

Sheet 1 of 1		INFORMATION DISCLOSURE STATEMENT						08 MAR 2006	
FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) Date Submitted to PTO: March 8, 2006				ATTY DOCKET NO. 2006-0316A		SERIAL NO. NEW 307571010			
				APPLICANT Stefano TUBARO et al.					
				FILING DATE March 8, 2006			GROUP		
U.S. PATENT DOCUMENTS									
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
	AA								
	AB								
	AC								
	AD								
	AE								
	AF								
	AC								
	AH								
FOREIGN PATENT DOCUMENTS									
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		
	AJ								
	AK								
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)									
	AL	Marco Foco, et al., "Sound Spatialization Based on Fast Beam Tracing in the Dual Space", Proc. of the 6 th Int. Conference on Digital Audio Effects, September 8, 2003, pgs. DAFX-1 to DAFX-5, XP002317042, London, UK.							
	AM	J. Bittner et al., "Exact regional visibility using line space partitioning", Computers and Graphics, Pergamon Press Ltd., Oxford, GB, vol. 27, no. 4, August 2003, pgs. 569-580, XP004441307, ISSN: 0097-8493.							
	A●	Vladlen Koltun et al., "Hardware-accelerated from-region visibility using a dual ray space", Proceedings of the 12 th Eurographics Workshop on Rendering Techniques, 'Online! June 25, 2001, pgs. 205-216, XP002317043, London, UK, ISBN: 3-211-83709-4, Retrieved from the Internet: URL: http://www.cs.ucy.ac.cy/~giorgos/publications/ray_space01.pdf , 'retrieved on February 10, 2005!.							
	AO	Augusto Sarti et al., "Efficient Geometry-Based Sound Reverberation", Proc. of Eusipco 2002, XI European Signal Processing Conference, September 3, 2002, XP009043689, Toulouse, France.							
EXAMINER				DATE CONSIDERED					

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.